



PORT AND BOROUGH OF KING'S LYNN

ANNUAL REPORT



of the

MEDICAL OFFICER OF HEALTH

(C. T. JONES, M.R.C.S., L.R.C.P., D.P.H., D.I.H.,)

FOR THE YEAR

1962

INCLUDING THE REPORT

of the

Senior Public Health Inspector

(R. A. GREEN, M.A.P.H.I.)

and the

Slaughterhouse Manager and Meat Inspector

(G. STEPHENSON, M.R.S.A.(Scot)., M.A.P.H.I.,
A.R.S.H.)

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BOROUGH OF KING'S LYNN

Health and Port Health Committee

Chairman: Councillor E. A. ANDERSON

Alderman Mrs. A. M. FISHER

Alderman W. R. WILDBUR

Councillor D. C. BACK

Councillor Mrs. D. BARKER

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Councillor E. E. G. EDGLEY

Councillor C. OXBY

BOROUGH OF KING'S LYNN

PUBLIC HEALTH STAFF

Medical Officer of Health

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Health Department, Town Hall,
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Tel.: King's Lynn 5001-6. Ext. 5.

Senior Public Health Inspector

N. B. JONES, M.R.S.H., M.A.P.H.I., till 30.6.62.
R. A. GREEN, M.A.P.H.I., from 1.8.62.

Additional Public Health Inspectors

R. A. GREEN, M.A.P.H.I., till 31.7.62.
L. KIRBY, M.A.P.H.I., from 1.6.62.

Slaughterhouse Manager

G. STEPHENSON, M.R.S.A.(Scot.), M.A.P.H.I., A.R.S.H.

PORT AND BOROUGH OF KING'S LYNN

ANNUAL REPORT of the MEDICAL OFFICER OF HEALTH

To: The Mayor, Alderman and Councillors
of the Borough of King's Lynn.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present a report for the year 1962.

The health of the Borough has been generally satisfactory during the year. Again maternal mortality was nil. The infant mortality figure was lower, there being only nine deaths during the year.

While Infectious Disease cases were generally low, infectious jaundice cases notified were high — 31. The majority of these cases were amongst children in the Gaywood Area.

Lung Cancer death figures were 8, as against 13 for the previous year.

Road deaths were 7, an increase of 3.

Chronic bronchitis deaths were 13. With the small figures involved, a small increase or decrease makes a big apparent difference in rates. To give a more broadly based indication of trends, I have, under the appropriate heading, shown mortality figures for the more important diseases of public health interest over a five-year period.

I have the honour to be,

Your obedient Servant,

C. T. JONES,

Medical Officer of Health.

VITAL STATISTICS

Estimated Mid-Year Population (Registrar-General): 27,460.

Births.

LIVE BIRTHS:

<i>Number</i>	498
<i>Rate per 1,000 population</i>	18.3 (18.00)
<i>Illegitimate Live Births per cent of the total Live Births</i>	6.5

Still Births.

<i>Number</i>	Total: 14
	<i>Legitimate</i> 12
	<i>Illegitimate</i> 2
<i>Rate per 1,000 total Live Births and Still Births</i>	27.3 (18.1)
<i>TOTAL LIVE AND STILL BIRTHS</i>	512

Infantile Mortality Rates.

<i>Infant Deaths (under 1 year)</i>	9
<i>Infant Mortality per 1,000 total Live Births</i>	18 (21.4)
<i>Infant Mortality per 1,000 total Legitimate Births</i>	15.0
<i>Infant Mortality per 1,000 total Illegitimate Births</i>	60.6
<i>Neonatal Mortality Rate (Deaths under 4 weeks per 1,000 Live Births)</i>	14
<i>Perinatal Mortality Rate (Still Births and Deaths under 1 week combined per 1,000 total Live and Still Births)</i>	8
<i>Maternal Mortality (including Abortion)</i>	Nil

Deaths.

<i>Males — 164; Females — 161.</i>	Total: 325
<i>Death Rate per 1,000 population</i>	11.5 (11.9)
<i>Tuberculosis: Respiratory</i>	2
<i>Rate per 1,000 population</i>	.07
<i>Cancer of Lung and Bronchus</i>	8
<i>Rate per 1,000 population</i>	.29
<i>Cancer: Other Forms</i>	55
<i>Rate per 1,000 population</i>	2.0
<i>Births exceeded Deaths by 159.</i>	

(Figures in parentheses are National Averages)

Mortality Figures.

The age distribution of deaths is given in the Table below. 73% of deaths occurred over the age of 65.

43% (146) of deaths were due to diseases of the heart and circulation.

18.8% (64) of deaths were due to cancer. (36 women and 28 men).

Chronic bronchitis caused 13 deaths.

Pulmonary Tuberculosis deaths were again 2, both men.

Suicides were again 2, and again both men. There was one Homicide.

Accidents, 7 of them motor vehicles, caused a total of 16 deaths.

There has been in the past 20 years a threefold increase in the national figures for Coronary Heart Disease, a disease given to striking down men in apparent robust health. The Lynn figures over the past five years have also shown this tendency. Coronary Disease is more common in smokers than non-smokers and is less common in heavy manual workers — so it is probable that less smoking and more regular exercise would have some long term effect on the incidence of this disease. The motor car has cut down many people’s walking exercise, and it may well be that this is one of the environmental changes that is resulting in increased mortality from “ coronaries ”.

Influenza. Deaths this year were 18, the highest figure for some years.

MORTALITY FIGURES (Continued).

Deaths by Age Group.

0 — 1 yr.	1 — 5 yrs.	5 — 15 yrs.	15 — 25 yrs.	25 — 45 yrs.
9	0	1	6	9
45 — 65 yrs.	65 — 75 yrs.	75 — 85 yrs.	85 years +	
61	75	118	46	

DEATHS BY SOME DISEASES OVER PREVIOUS FIVE YEARS

	1957			1958			1959			1960			1961			1962		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
T.B. Respiratory	3	—	3	2	1	3	2	1	3	1	1	2	1	1	2	2	—	2
Cancer of the Lung	10	3	13	11	—	11	12	1	13	8	2	10	9	4	13	6	2	8
Leukaemia	—	—	—	—	—	—	2	—	2	2	—	2	3	—	3	1	1	2
Coronary disease Angina	16	15	31	17	6	23	22	15	37	32	21	53	40	21	61	31	19	50
Hypertension with heart disease	1	3	4	2	4	6	3	4	7	2	—	2	—	3	3	—	2	2
Other heart diseases	19	20	39	10	8	18	9	21	30	23	19	42	5	17	22	6	10	16
Influenza	—	2	2	2	4	6	1	1	2	—	—	—	1	2	3	8	10	18
Bronchitis	6	3	9	7	8	15	9	8	17	3	8	11	7	3	10	10	3	13
Motor Vehicle Accidents	—	—	—	3	—	3	1	—	1	6	1	7	—	4	4	6	1	7

CLASSIFICATION OF DEATHS ACCORDING TO DISEASES

<i>Causes of Death</i>						<i>Male</i>	<i>Female</i>	<i>Total</i>
1.	Tuberculosis: Respiratory	....	....	....	....	2	—	2
2.	Tuberculosis: Other Forms	....	....	....	....	—	—	—
3.	Syphilitic Disease	....	....	....	....	—	—	—
4.	Diphtheria	....	....	....	....	—	—	—
5.	Whooping Cough	....	....	....	....	—	—	—
6.	Meningococcal Infections	....	....	....	....	—	—	—
7.	Acute Poliomyelitis	....	....	....	....	—	—	—
8.	Measles	....	....	....	....	—	—	—
9.	Other Infective and Parasitic Diseases	....	....	....	....	—	1	1
10.	Malignant Neoplasm: Stomach	....	....	....	....	6	7	13
11.	Malignant Neoplasm: Lung and Bronchus	....	....	....	....	6	2	8
12.	Malignant Neoplasm: Breast	....	....	....	....	—	9	9
13.	Malignant Neoplasm: Uterus	....	....	....	....	—	2	2
14.	Other Malignant and Lymphatic Neoplasms	....	....	....	....	15	14	29
15.	Leukaemia: Aleukaemia	....	....	....	....	1	1	2
16.	Diabetes	....	....	....	....	—	1	1
17.	Vascular Lesions of Nervous System	....	....	....	....	30	39	69
18.	Coronary Disease: Angina	....	....	....	....	31	19	50
19.	Hypertension with Heart Disease	....	....	....	....	—	2	2
20.	Other Heart Diseases	....	....	....	....	6	10	16
21.	Other Circulatory Disease	....	....	....	....	7	5	12
22.	Influenza	....	....	....	....	8	10	18
23.	Pneumonia	....	....	....	....	11	9	20
24.	Bronchitis	....	....	....	....	10	3	13
25.	Other Diseases of Respiratory System	....	....	....	....	1	3	4
26.	Ulcer of Stomach and Duodenum	....	....	....	....	2	—	2
27.	Gastritis, Enteritis and Diarrhoea	....	....	....	....	1	—	1
28.	Nephritis and Nephrosis	....	....	....	....	2	—	2
29.	Hyperplasia of Prostate	....	....	....	....	3	—	3
30.	Pregnancy, Childbirth, Abortion	....	....	....	....	—	—	—
31.	Congenital Malformations	....	....	....	....	—	2	2
32.	Other Defined and Ill-Defined Diseases	....	....	....	....	11	14	25
33.	Motor Vehicle Accidents	....	....	....	....	6	1	7
34.	All other Accidents	....	....	....	....	3	6	9
35.	Suicide	....	....	....	....	2	—	2
36.	Homicide	....	....	....	....	—	1	1

CASES OF INFECTIOUS DISEASES CLASSIFIED IN AGE GROUPS AND LOCALITIES, 1962

	AGE GROUPS							WARDS						
	Total all Ages							St. Mar- garet's Chase						
	Under 1	1-5	5-15	15-25	25-45	45-65		Over 65	Gay- wood	Cen- tral	5	5	South West	North
Measles	90	3	31	54	1	1	—	—	56	5	5	4	13	7
Scarlet Fever....	6	—	—	6	—	—	—	—	3	1	—	1	—	1
Whooping Cough	1	—	—	1	—	—	—	—	—	—	—	—	1	—
Tuberculosis (Pulmonary)	7	—	—	—	1	4	2	—	2	3	1	1	—	—
Tuberculosis (Non-Pulmonary)	1	—	—	—	—	—	—	1	—	—	—	—	—	1
Pneumonia	4	—	—	1	—	—	1	2	—	1	1	1	1	—
Dysentery	1	—	1	—	—	—	—	—	—	—	—	—	1	—
Jaundice	31	—	4	22	2	3	—	—	16	5	1	1	2	6
Erysipelas	1	—	—	—	—	—	—	1	—	—	—	1	—	—
TOTAL	142	3	36	84	4	8	3	4	77	15	8	9	18	15

INFECTIOUS DISEASES

Measles.

The number of cases dropped from 379 in 1961 to 90. The greatest number of cases being in the Gaywood Area.

Whooping Cough.

Only one notified case. The more widespread use of preventive vaccination at an early age — usually starting at three months — means that more immunity to this disease has been built up. The immunisation does not always prevent the disease but where it does not, the disease is usually milder.

Poliomyelitis.

No notified cases.

Jaundice or Infectious Hepatitis.

There were 31 cases, a big increase, 26 being children. There were 16 in the Gaywood Area. This is a difficult disease to control as its incubation period is long and varies from 10 — 40 days and the length of time a case is infectious is not known.

Fortunately there were no deaths and the cases have, I understand, been generally mild.

Tuberculosis.

The notified cases this year were 8. 7 pulmonary and 1 non-pulmonary, against 23 for 1961.

The Mass Radiography Unit did not visit Lynn in 1962; it did in 1961; and resulted in an appreciable number of cases being found. In an endeavour to find sources of contact this year, we began skin testing five-year-old school entrants, with parental consent.

The figures for King's Lynn were:—

Number Tested: 77. Number found positive: 7.

The positives were investigated by the tuberculosis clinic.

The scheme was well supported and as it causes little or no discomfort, the children by and large enjoyed it.

The skin testing and preventive B.C.G. Immunisation of 13-year-olds continues. The figures are given in the Table on page 13.

VACCINATION AND IMMUNISATION

The vaccination and immunisation figures are available now only for the combined area. They are:—

<i>Vaccination.</i>	<i>Primary</i>	<i>Re-Vaccination</i>
Under 5 years.	431 (252)	29 (14)
5 — 14 years	401 (23)	168 (12)
15 years and over	585 (53)	547 (105)
	1417 (328)	744 (143)

<i>Immunisation.</i>	<i>Primary</i>	<i>Re-Vaccination</i>
(a) Diphtheria, Whooping Cough, Tetanus:		
Under 5 years	498 (537)	13 (20)
5 — 14 years	28 (174)	72 (166)
	526 (711)	85 (186)

(b) Poliomyelitis:

<i>Age Group</i>	<i>No. of persons who have received Second injection of Salk vaccine</i>	<i>Third dose oral vaccine</i>	<i>Total</i>
Children born in 1962	2	41	43
Children born in 1961	97	164	261
Children & Young Persons born in years 1943 — 1960	141	361	502
Young Persons born in years 1933 — 1942	79	278	357
Others	126	764	890
Total	445	1,608	2,053

Persons receiving re-inforcing doses:

Number of Persons given 3rd injections of Salk Vaccine	1,534
Number of Persons given 4th injections of Salk Vaccine	65
Number of Persons given a re-inforcing dose of oral vaccine	
after (1) 2 Salk doses	467
(1) 3 Salk doses	223

These figures are for the combined area and so include Freebridge Lynn R.D.C.

There was a big demand for Smallpox Vaccination due to the outbreaks which occurred in other parts of the country.

The method of protection against poliomyelitis was changed during the year from injection to a vaccine taken by mouth. This new oral vaccine has meant that three injections are done away with.

To take advantage of this poliomyelitis vaccination by this new method, extra clinics were opened throughout the town and the Freebridge R.D.C. The response in the age group 30 — 40 was that, approximately 15% of those estimated as not being protected by the older Salk injection type immunisation and eligible for protection, attended to begin the course.

B.C.G. VACCINATION

	<i>Number Eligible</i>	<i>Consents</i>	<i>Refusals</i>	<i>Skin Tested</i>	<i>Positive</i>	<i>Negative</i>	<i>Number Vaccinated</i>
King Edward VII Grammar School	85	72	13	72	13	59	59
Girls' High School 	89	78	11	78	10	68	67
Alderman Catleugh Boys' School	46	38	8	38	7	31	28
Alderman Catleugh Girls' School	34	26	8	26	2	24	24
Gaywood Park Girls' School 	114	99	15	99	21	78	72
Gaywood Park Boys' School 	86	70	16	70	12	58	57
Convent 	12	12	Nil	12	1	11	11
TOTAL 	466	395	71	195	66	329	318

HOUSING

I am obliged to Miss M. L. Keith, Housing Manager, for the following report:—

1962 saw a slowing down of re-housing and only 48 families were moved from Clearance Areas or unfit individual dwellings; 54 families registered on the "General Needs" List were re-housed; 5 houses were allocated to staff, and 97 transfers were effected between existing tenants of Council dwellings, each family getting a change of house more suitable for its needs. Some 60 families left Council dwellings for private properties — mainly on house purchase arrangements. Only 11 new dwellings were completed during the year.

In the Autumn of 1962 the Council entered into an agreement with a firm moving to Lynn to re-house certain of its key workers as and when required, and a new type of dwelling, 3 bedroom maisonettes, at Oak Circle, Gaywood, were earmarked for the purpose. Local families employed by Lynn's industrial firms were also re-housed here, and many more are likely to be housed in this way early in 1963 at North Lynn as well as Gaywood.

The Highgate Community Centre was opened by The Mayor, Councillor F. G. Jackson, in July, 1962, and has been fully used by the tenants of the estate ever since, who run it themselves and organise suitable entertainment for all age groups. The second part of the Highgate development will be completed in the Autumn of 1963, and as well as the remaining Highgate families, the rest of the Providence Street area will be re-housed.

An improvement to future building would be a new material for boundary formation. Nothing destroys the look of the estates more quickly than yards and yards of concrete posts and wires, and it seems a pity with so many new materials at hand that this form of boundary is the one used.

The North Lynn Seabank estate is enlarging and will finally develop into an area of well over 1,000 houses. It is essential that all essential services for a proper community life are here as soon as possible and grow with the growth of the estate. The estates as a whole still lack sufficient and suitable play spaces. Both young children and teenagers should be catered for, and perhaps at some stage the Council will consider experimenting with an "adventure" playground on this particular estate — these have served well in London, are easy and cheap to lay out and delight children of all ages.

Some 170 pre-war houses were modernised during 1962, including a hot water installation and certain new and additional equipment.

ANNUAL REPORT

of the

Senior Public Health Inspector

on the

Sanitary Circumstances of the Area

SANITARY CIRCUMSTANCES OF THE AREA

The Borough Engineer has kindly supplied the following information concerning the Town's Water Supply, Sewerage, and Disposal of Refuse Services:—

Water Supply.

1. The water supply in the area has been entirely satisfactory for both quality and quantity during the year. Continuous and regular sampling of water has been undertaken from consumers' taps in the Town and surrounding district, and of water before chlorination at Gayton and Hillington Pumping Stations. Altogether 450 samples were taken and forwarded for analysis. All samples gave negative bacterial results and were entirely satisfactory.

Samples have also been examined for chemical analysis and a copy of the latest certificate is given below:—

Sample received 4th September, 1962, from Borough Engineer, King's Lynn Corporation. Marked Public Supply, "Clifton House".

<i>Appearance when received:</i>	Clear.	
<i>Nature of Deposit:</i>	Nil.	
<i>Colour:</i>	Nil.	<i>Odour:</i> Nil.
<i>Reaction:</i>	Faintly Alkaline pH 7.4	<i>Taste:</i> Satisfactory.

Results of Chemical Analysis in parts per million

Ammoniacal nitrogen:	0.03	Hardness as CaCO_3 :	
Albuminoid nitrogen:	Negligible trace	Total:	245
Nitrate nitrogen:	5	Carbonate (temporary):	
Nitrate nitrogen:	Nil		210
Chlorine as Chlorides:	20	Non-carbonate (permanent)	
Oxygen absorbed (4 hr. 27°C)	0.20		35
		Alkalinity as CaCO_3 :	210
		Free carbon dioxide:	23
		Total solids (at 180°C):	335
		Iron (total):	0.10
		Metals in solution:	absent

Opinion

This water is of very good organic quality and the chemical analysis as a whole shows no sign of pollution. The total hardness of the water is about 17° Clark, of which 15° is temporary. The remainder of the analysis calls for no special comment. In our opinion this water is free from pollution and suitable for use as a public supply.

2. Waste detection service has continued satisfactorily. The town is divided into 17 deacon meter districts and regular night tests in each district are undertaken each month. Any areas which show unduly large night flows are subject to close investigation. During the year 3,438 defects were detected and satisfactorily repaired.

3. The total consumption of water for 1962 was more than during the previous year by both the domestic consumer and industrial user. Supplies afforded in bulk to the Freebridge Lynn Rural District and also to the Wisbech Water Board show increases. The total quantity of water pumped into supply was 959.55 million gallons.

4. No economy appeals were necessary during the year.

5. A total of 1.5 miles of new distribution mains were laid to certain new residential development and 111 new connections were made to the mains.

6. It is extremely disappointing to have to report little or no progress on new works during 1962. At the beginning of the year test pumping was taking place from the proposed new borehole at Congham. The Ministry's inquiry into the Council's proposals for the abstraction of $1\frac{1}{2}$ million gallons a day from this source was, however, not held until September, and at the end of 1962 still no decision had been reached as a result of that inquiry.

Informal discussions have been taking place with the officers of the Great Ouse River Board for the formation of a river abstraction scheme ultimately designed to yield six million gallons per day from the River Wissey at Stoke Ferry.

Public Cleansing.

There is no material change to record in this section of the Corporation's work. Street cleansing is carried out principally by mechanical means supported by manual labour in the central area of the town. Of the total mileage of roads in the Borough, 9 miles are cleansed at least once daily, 11 miles from 3 to 6 times per week, 17 miles are cleansed twice weekly and 58 miles once a week. Street gulleys receive regular attention by means of mechanical gulley emptiers.

Refuse Disposal.

Controlled tipping has taken place at the Corporation's tip situated in Salter's Road where the whole of the town refuse is disposed of by this means. During the year it became necessary to extend the area of the tip by some $4\frac{1}{2}$ acres and planning permission for this extension was received. It is perhaps appropriate to comment that the weight of refuse collected per thousand population per day of about 25 cwts. is well above national average. The

weights are based on regular test weighings and not estimated figures.

Swimming Bath.

The King's Lynn Borough Council's Open-Air Swimming Bath has a capacity of 100,000 gallons of water and the dimensions being 100 ft. x 30 ft. The changing facilities include 25 cubicles for men and 25 cubicles for women. The water is taken from the Corporation mains, and is changed completely every five weeks and by filtration approximately once in every 8 hours. The normal rate of chlorination is Residual approximately .25 parts per million.

Samples of bath water are taken at regular intervals, and the results of bacteriological examinations in all cases were: " Coliform organisms absent in 20 mls. Number of micro-organisms developing at 37°C — Nil. Number of micro-organisms developing at 21°C — Nil.

Sanitary Inspection of the Area.

The following is a summary of the work done during the year under the various Public Health and Housing Acts, viz.:—

- 429 Special Complaints and Visits.
- 9 Informal Notices and Intimations Served.
- 1 Formal Notice Served.

HOUSING STATISTICS

- 1. *Inspection of Dwelling Houses during the Year.*
 - 1. Total number of dwelling houses inspected (under Public Health and Housing Acts) 1,347
 - 2. The number of houses that on inspection were considered to be unfit for human habitation 23
 - 3. The number of houses the defects of which were remedied in consequence of informal action by the Local Authority or their Officers 18
 - 4. The number of Representations made to the Local Authority with a view to:—
 - (a) the serving of Notices requiring the execution of works Nil
 - (b) the making of Demolition or Closing Order 23
 - 5. Number of Notices served requiring the execution of works 1
 - 6. The number of Houses which were rendered fit after service of formal notices by owners 1

7.	The number of Houses which were rendered fit after service of formal notices by Local Authority in default of owners	....	....	....	....	....	Nil
8.	The numbers of Demolition or Closing Orders made						13
9.	The number of Houses in respect of which undertakings were accepted	....	....	....	....		10
10.	Number of Houses demolished	....	....	....	....		17

2. *Proceedings by Public Health Acts.*

1.	Number of dwelling houses in respect of which formal notices were served requiring defects to be remedied	....	....	....	....	....	Nil
2.	Number of such dwelling houses in which defects were remedied after service of formal notices:—						
(a)	By Owners	....	....	....	....	....	Nil
(b)	By Local Authority	....	....	....	....	....	Nil

Meetings with Owners and Tradesmen.

308 meetings were held with owners and tradesmen with regard to requirements concerning defective houses, drains, etc.

House Drains.

During the year 466 visits were made in connection with drainage problems.

Tents, Vans and Sheds.

52 inspections to tents, vans and sheds were made.

Eradication of Bed Bugs and Fleas.

Five rooms were disinfected for vermin. In all cases advice was given and the Council's offer to assist with disinfection was accepted.

Prevention of Damage by Pests Act, 1949.

Two Rodent Operators were employed throughout the year and sewer treatment was carried out by them during July and December.

Arrangements have been made with several of the business premises which store quantities of food for them to be under the constant supervision of the Corporation's Operatives, and for all treatment to be carried out by them. This arrangement has been found eminently satisfactory from the point of view of both the businesses and the Corporation.

Offensive Trades.

The number of Offensive Trades on the register at the end of the year was as follows:—

Rag and Bone Dealers			2
----------------------	------	------	---

8 visits were made to these premises.

Disinfection.

Aerial disinfection was carried out to 25 rooms, 32 miscellaneous articles were disinfected at the steam disinfectors.

INSPECTION AND SUPERVISION OF FOOD

Milk.

The following Licences were granted by the Local Authority:

3 Licences for Pasteurising Establishments.

31 Dealer's Licences to retail Pasteurised and T.T. Milk.

23 Dealer's Licences to retail Sterilised Milk.

Two samples of milk were taken monthly from the three Pasteurising Establishments.

All samples satisfied the requirements of the Milk (Special Designation) Regulations, 1960.

3 samples of raw milk were submitted to the Public Analyst who reported them to be genuine.

Food and Drugs Act, 1955.

12 samples of sausage meat have been submitted to the Public Analyst, who reported them to be genuine.

Informal samples of Cremola, Lemon, Meat Paste, Cake Filling, Chocolate Spread, Tea, Custard Powder, Pepper, Cooking Fat, Cake Mix, Gravy Thickening, Margarine, Jelly, Blancmange, Gravy Salt, Pie Filling, Table Cream, were submitted to the Public Analyst, who reported them to be genuine.

Ice Cream.

36 samples were submitted to the Public Health Laboratory. The Methylene Blue (Provisional Grading) results showed them to be all Grade I.

Markets.

42 visits were made to Markets during the year.

Unsound Food Condemned.

8 tins Apples	282 tins Apricots
40 tins Beetroot	463 tins Beans
173 tins Creamed Rice	98 lbs. Bacon
32 tins Blackberries	283 tins Corned Beef
12 tins Celery	149 tins Carrots
294 tins Cherries	132 tins Fruit Salad
42 lbs. Fish	193 tins Gooseberries
59 tins Grapefruit	48 tins Ham
50 lbs. Ham	99 tins Jam
33 tins Loganberries	214 tins Luncheon Meat
738 tins Milk	26 tins Mixed Vegetables
28 tins Prunes	405 tins Pilchards
1743 tins Peaches	301 tins Pears
717 tins Peas	1416 tins Pineapple
104 tins Plums	15 tins Pork
214 tins Stewed Steak	272 tins Soup
4 tins Strawberries	38 tins Salmon
16 tins Tongue	247 tins Tomatoes
17 tins Rhubarb	68 tins Oranges
17 lbs. Cheese	16 tins Spaghetti

Food and Drugs Act, 1955.

The number of premises registered under Section 16 of the Food and Drugs Act, 1955, are:—

- 51 Premises for the Sale of Preserved and Potted Meat.
- 24 Fish Shops.
- 140 Premises for the Storage and Sale of Ice Cream.
- 57 Dairies and Milk Shops registered under the Milk and Dairies Regulations, 1960.
- 26 Premises registered in connection with Peeling of Shrimps.
- 1 Premises registered for Cooking of Poultry.
- 1 Premises registered for Cooking of Ham.
- 25 Inspections were carried out on premises for the Sale of Preserved and Potted Meat.
- 31 Visits were made to Fish Shops.
- 36 Visits were made to Premises Licenced for the Storage and Sale of Ice Cream.
- 50 Visits were made to Dairies and Milkshops.
- 26 Visits were made to Premises where Shrimp Peeling is carried on.
- 2 Visits were made to Premises where Poultry is cooked.
- 1 Visit was made to Premises where Ham is cooked.

FACTORIES ACT, 1937.

Part I of the Act.

1. Inspection for purposes of provisions as to Health:—

<i>Premises</i>	<i>Number on Register</i>	<i>Number of Inspections</i>	<i>Number of Written Notices</i>	<i>Occupiers Prosecuted</i>
Factories with Mechanical Power	147	86	Nil	Nil
Factories without Mechanical Power	21	3	Nil	Nil
Other Premises in which Section 7 is enforced by the Local Authority	22	22	Nil	Nil
	190	111	Nil	Nil

2. Cases in which defects were found:—

	<i>Number of Cases in which defects were found</i>		
	<i>Found</i>	<i>Remedied</i>	<i>Referred to H.M. Inspector</i> <i>Referred by H.M. Inspector</i>
Inadequate Ventilation	Nil	Nil	Nil
Sanitary Conveniences	Nil	Nil	Nil
(a) Insufficient	Nil	Nil	Nil
(b) Unsuitable or Defective	1	1	1
(c) Not Separate for Sexes	1	1	1
Other Offences	Nil	Nil	Nil
	2	2	2

PART VIII OF THE ACT — OUTWORK
(Sections 110 and 111)

Nature of Work (1)	No. of out-workers in August (2)	Section 110		Section 111		
		No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in un- wholesome premises (5)	Notices Served (6)	Prosecutions (7)
Wearing Apparel: Making, etc.	4	Nil	Nil	Nil	Nil	Nil

ANNUAL REPORT

of the

Slaughterhouse Manager

and Meat Inspector

G. Stephenson, M.R.S.A.,(Scot.), M.A.P.H.I., A.R.S.H.)

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

	<i>Cattle excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Horses</i>
Number killed	2,430	39	46	3,512	7,114	Nil
Number inspected	2,430	39	46	3,512	7,114	Nil
ALL DISEASES EX- CEPT Tuberculosis and Cysticerci: Whole Carcasses condemned	2	1	1	2	15	Nil
Carcasses of which some part or organ was con- demned	594	33	14	114	789	Nil
Percentage of the number inspected with diseases other than Tuber- culosis and Cysticerci	20.5	87.1	32.6	3.3	11.3	Nil
TUBERCULOSIS ONLY: Whole Carcasses con- demned	2	1	—	—	—	Nil
Carcasses of which some part or or- gan was con- demned	12	6	—	—	200	Nil
Percentage of the number inspected affected with Tuberculosis	.5	18	—	—	2.8	Nil
CYSTICERCUS: Carcasses of which some part or or- gan was con- demned	2	—	—	—	—	Nil
Carcasses submit- ted to treatment by refrigeration	1	—	—	—	—	Nil
Generalised and totally condemned	Nil	—	—	—	—	Nil

KING'S LYNN PORT HEALTH AUTHORITY

ANNUAL REPORT

of the

Port Medical Officer of Health

Including the Report

of the

Senior Port Health Inspector

PORT OF KING'S LYNN

ANNUAL REPORT of the Port Medical Officer of Health

To: The Mayor, Aldermen and Councillors
of the Borough of King's Lynn.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present my Report on the Port Health Service in King's Lynn for the year 1962.

The ships that called at the Port were free from notifiable Infectious Diseases.

For the number of ships inspected, nuisances were comparatively few. None were of a serious nature, and all were abated by simple representation to those concerned.

I am,
Your obedient Servant,
C. T. JONES,

Port Medical Officer of Health.

PORT OF KING'S LYNN

Section I. STAFF.

<i>Name of Official</i>	<i>Nature of Appointment</i>	<i>Date of Appointment</i>	<i>Qualifications</i>	<i>Any other Appointments held</i>
C. T. JONES	Port Medical Officer of Health	1.5.61	M.R.C.S., L.R.C.P., D.P.H., D.I.H.	Medical Officer of Health, Borough of King's Lynn; Medical Officer of Health Freebridge Lynn R.D.C., Assistant County Medical Officer, Norfolk County Council.
N. B. JONES	Senior Port Health Inspector	7.5.57 to 30.6.62	M.R.S.H., M.A.P.H.I., Cert. Meat and Other Foods. Hygiene Cert., Master Mariner	Senior Public Health Inspector, Borough of King's Lynn.
R. A. GREEN	Senior Port Health Inspector	From 1.8.62	M.A.P.H.I., Cert. Meat and Other Foods	Senior Public Health Inspector, Borough of King's Lynn.
R. A. GREEN	Port Health Inspector	17.6.60 to 31.7.62	M.A.P.H.I., Cert. Meat and Other Foods	Public Health Inspector, Borough of King's Lynn.
L. KIRBY	Port Health Inspector	1.6.62	M.R.S.H., M.A.P.H.I., Dip. R.I.P.H.H.	Public Health Inspector, Borough of King's Lynn.

Address and Telephone Numbers of the Medical Officer of Health :—

Offices: Town Hall, King's Lynn. *Telephone:* King's Lynn 5001-6. Extn. 5.
15, Nelson Street, King's Lynn. *Telephone:* King's Lynn 3643.

Residence: "Acacia House," Grimston Road, South Wootton, King's Lynn. *Telephone:* King's Lynn 4195.

Address and Telephone Numbers of the Senior Port Health Inspector :—

Offices: Town Hall, King's Lynn. *Telephone:* King's Ltnn 5001-6. Extn. 6.
Residence: 4, Edinburgh Avenue, King's Lynn. *Telephone:* King's Lynn 4207.

Section II. AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR. Table B.

<i>Ships</i>	<i>Number</i>	<i>Tonnage</i>	<i>Number Inspected</i>		<i>Number of Ships reported as having, or having had during the voyage Infectious Disease on Board</i>
			<i>By the Port Medical Officer of Health</i>	<i>By the Port Health Inspector</i>	
Foreign	468	123,901	30	246	Nil
Coastwise	641	196,637	18	310	Nil
TOTAL	1109	320,538	48	556	Nil

Section III. CHARACTER OF SHIPPING AND TRADE DURING THE YEAR. Table C.

Passenger Traffic:	Number of Passengers	INWARDS: British 7	Alien 48	TOTAL 55.
	Number of Passengers	OUTWARDS: British 39	Alien 61	TOTAL 100.
Cargo Traffic:	Principal IMPORTS:	Petroleum, Fertiliser, Timber, Grain, Potatoes and General.		
	Principal EXPORTS:	Grain, Sugar, Molasses and General.		
Principal Ports from which Ships Arrive:	Rotterdam, Antwerp, Hamburg, Casablanca, Bremen, Mantyluoto, Barcelona, Gothenburg,			
	Hamina, Kasko, Toppila, Halmstad, Ymuden, Amsterdam, Stettin, Rieme, Gdansk.			

Section IV. Inland Barge Traffic.

Nil.

Section V. Water Supply.

No change.

Section VI. Public Health (Ships) Regulations, 1952.

No change.

Section VII. Smallpox.

(1) *Hospital.*

By arrangements of the East Anglian Regional Hospital Board, the Smallpox Hospital for the area is:—

St. Helen's Hospital,
Ipswich.

(2) *Transport.*

The Ambulance Transport is provided by the Ipswich Ambulance Service.

(3) *Smallpox Consultants.*

(a) Dr. W. M. Oliver, M.B.R., Norfolk and Norwich Hospital, Norwich.

(b) Dr. A. G. Smith, 24, Unthank Road, Norwich.

(c) Dr. R. A. Leader, Elm Street, Ipswich.

(4) *Facilities for Laboratory Diagnosis of Smallpox.*

Specimens would be sent to Dr. A. D. Macrea, Virus Reference Laboratory, Colindale Avenue, London, N.W.9. Notification of despatch would be given by Telephone (Colindale 7041).

Section VIII. Venereal Diseases.

No change.

Section IX. CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES ON SHIPS.

Table D.

	Disease	Number of Cases during the year		Number of Ships concerned
		Passen- gers	Crew	
Cases landed from Ships from Foreign Ports.	Nil	Nil	Nil	Nil
Cases which have occurred on Ships from Foreign Ports but have been disposed of before arrival.	Nil	Nil	Nil	Nil
Cases landed from Other Ships.	Nil	Nil	Nil	Nil

Section X. Observation on the Occurrence of Malaria in Ships.

No cases were reported.

Section XI. Measures taken against Ships Infected with or Suspected for Plague.

No change.

Section XII. Measures against Rodents in Ships from Foreign Ports.

With the co-operation of the Port Authorities arrangements have been made for:—

- (a) All ropes, warps, etc., used for mooring the ship to be fitted with canvas rat-guards, 2 ft. long, to be daily coated with tar, or fitted with shield, or discs. All rat guards are fitted clear of the ships and quay, and are adjusted with the rise and fall of the tide.
- (b) No gangways, chutes or planks, etc., connecting the ship to the shore, except those in actual use, are permitted. Those in use are withdrawn as soon as possible at night.

These measures are carried out as a practice on all

vessels from African Ports and grain-carrying ships, when conditions in the latter case allow it.

1. *Procedure for Inspection of Ships for Rats.*

Regular inspection of ships are carried out by the Port Health Inspectors and Rodent Operatives.

2. *Arrangements for the Bacteriological or Pathological Examinations of Rodents.*

Post-mortem examination, and examination of stained films can be done at the Port Health Office. The Norwich Public Health Laboratory Service is also available for bacteriological and pathological examinations.

No rats were examined during the year.

3. *Arrangements in the District for De-Ratting Ships, the Methods used, etc.*

The Port is an approved one for the issue of De-Ratting Certificates and De-Ratting Exemption Certificates, and during the year 18 De-Ratting Exemption Certificates were issued.

Should occasion arise for a vessel to be de-ratted, a number of contracting companies who specialise in this work are prepared to come to the Port to carry out the necessary work. A list of these companies has been sent to all local Shipping Agents. The methods to be used would be fumigation by HCN or SO₂ trapping or poisoning.

4. *Progress in the Rat-Proofing of Ships.*

Generally satisfactory.

Rodents Destroyed during the Year in Ships from Foreign Ports.

<i>Category</i>	<i>Number</i>
Black Rats	Nil
Brown Rats	Nil
Species not known	Nil
Sent for Examination	Nil
Infected with Plague	Nil

Two Rodent Operatives are employed jointly by the King's Lynn Borough and Port Health Authority. In addition to the inspections made by the Port Medical Officer and Port Public Health Inspectors, the ships in the Port, Quay, Wharves and Warehouses in the vicinity of the Docks are inspected by the Rodent Operatives systematically.

In general, the wharves and warehouses are of modern construction and are rat-proof.

Approximately 75 brown rats and no black rats were destroyed from the Docks, Quay, Wharves and Warehouses during the year.

TABLE F.
De-Ratting Certificates and De-Ratting Exemption Certificates
issued during the Year for Ships from Foreign Ports.

	No. of De-Ratting Certificates Issued				Number of De-Ratting Exemption Certificates Issued	Total Certificates issued
	After Fumigation with Other Fumigant (state method)	After Trapping	After Poisoning	Total		
HGN						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Nil	Nil	Nil	Nil	Nil	18	18

Prevention of Damage by Pests Act, 1949.
Prevention of Damage by Pests (Application to Shipping) Act, 1951.

Number of Applications received for granting Rodent Control Certificates --- Nil.
Number of Vessels inspected for the purpose of granting Rodent Control Certificates --- Nil.
Number of Rodent Control Certificates granted in accordance with Article 3(2) (b) of the Order --- Nil.
Number of Inspections of Dock Premises --- 420.

Section XIII. INSPECTION OF SHIPS FOR NUISANCES. Table G.

Nature and Number of Inspections	INSPECTIONS and NOTICES		Results of Serving Notices	
	Notices Served			
	Statutory Notices	Other Notices		
Routine Inspection	604	Nil	5	Nuisances abated
Total:	604	Nil	5	—

Section XIV. Public Health (Shellfish) Regulations,
1934/1938.

There were no complaints during the year about the quality of mussels sent out from King's Lynn.

Section XV. Medical Inspection of Aliens (Applicable only to Ports Approved for the Landing of Aliens).

No change.

Section XVI. Miscellaneous.

No change.

Conclusion.

I have to thank the Officers of H.M. Customs, King's Lynn Conservancy Board, British Transport Docks Board, Eastern Sea Fisheries Joint Committee, the Shipping Companies, and the owners of Commercial Premises on the Docks, for their willing help and ready co-operation.

I have the honour to be,

Your obedient Servant,

C. T. JONES,

Port Medical Officer of Health.

